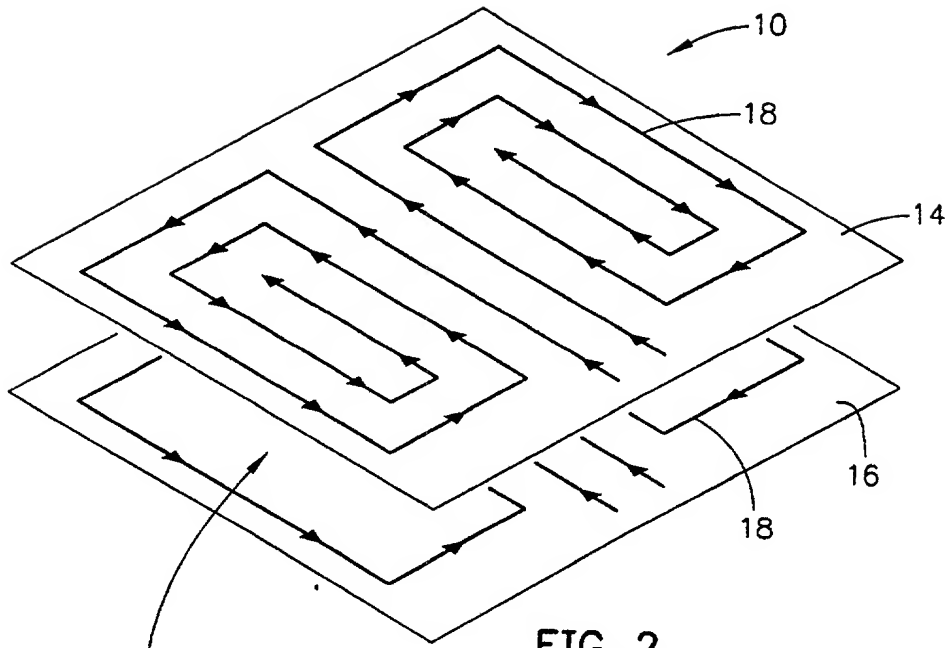


FIG. 1



MR sensor in low-field region between current sheets.

FIG. 2

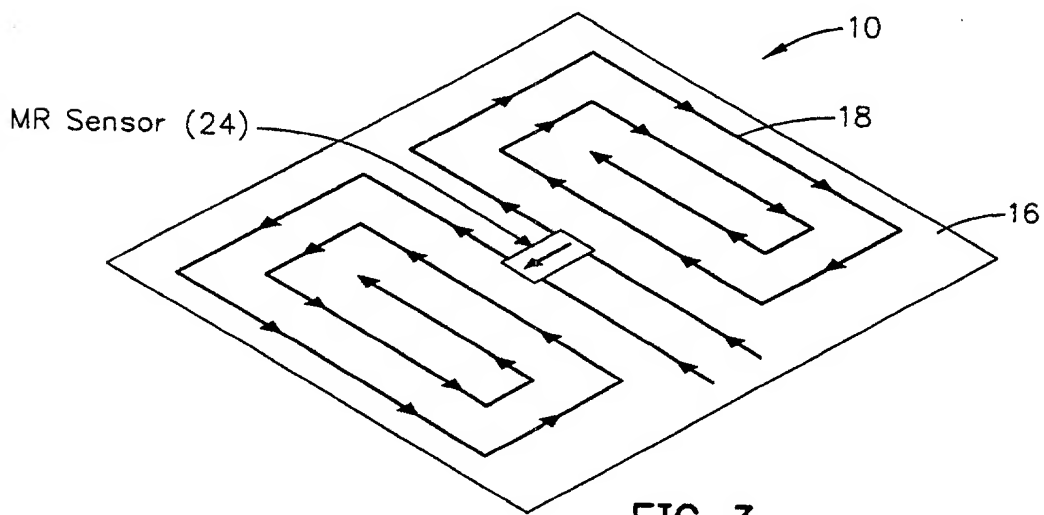


FIG. 3

FIG. 4

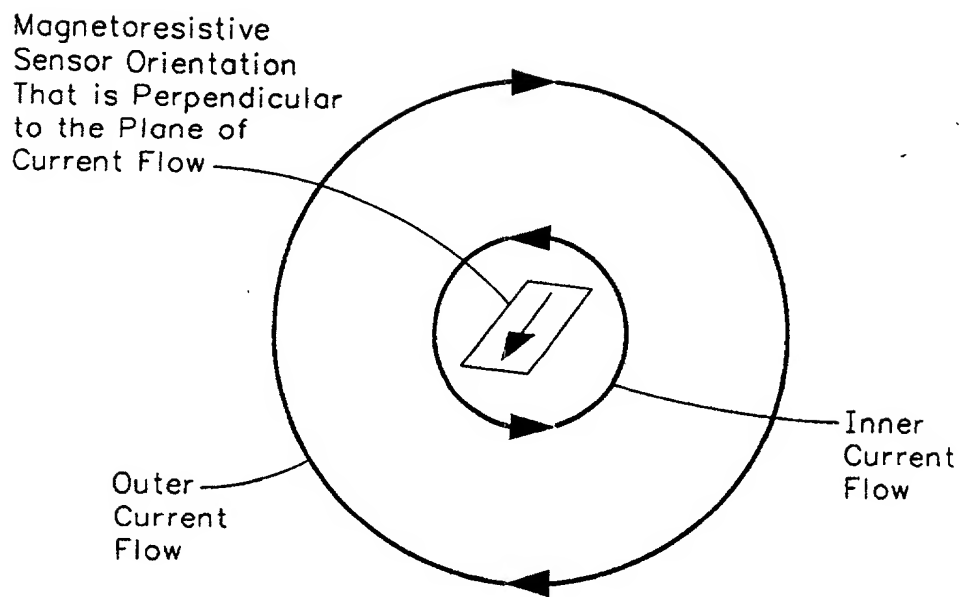


FIG. 4

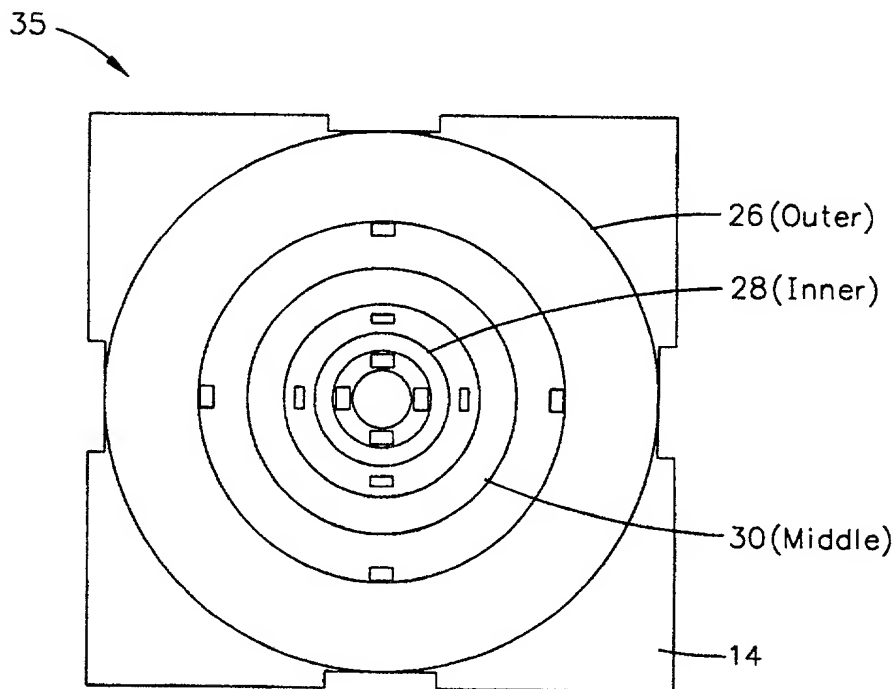
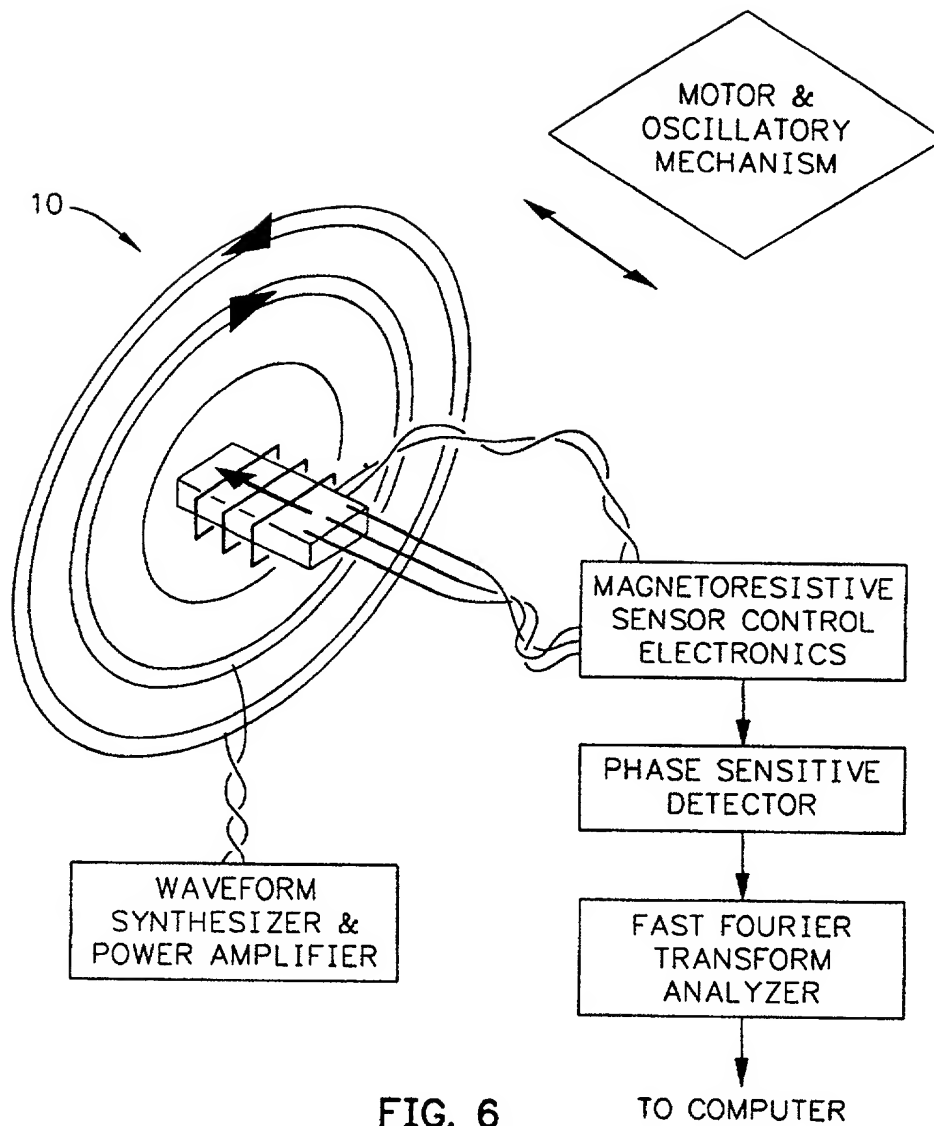


FIG. 5



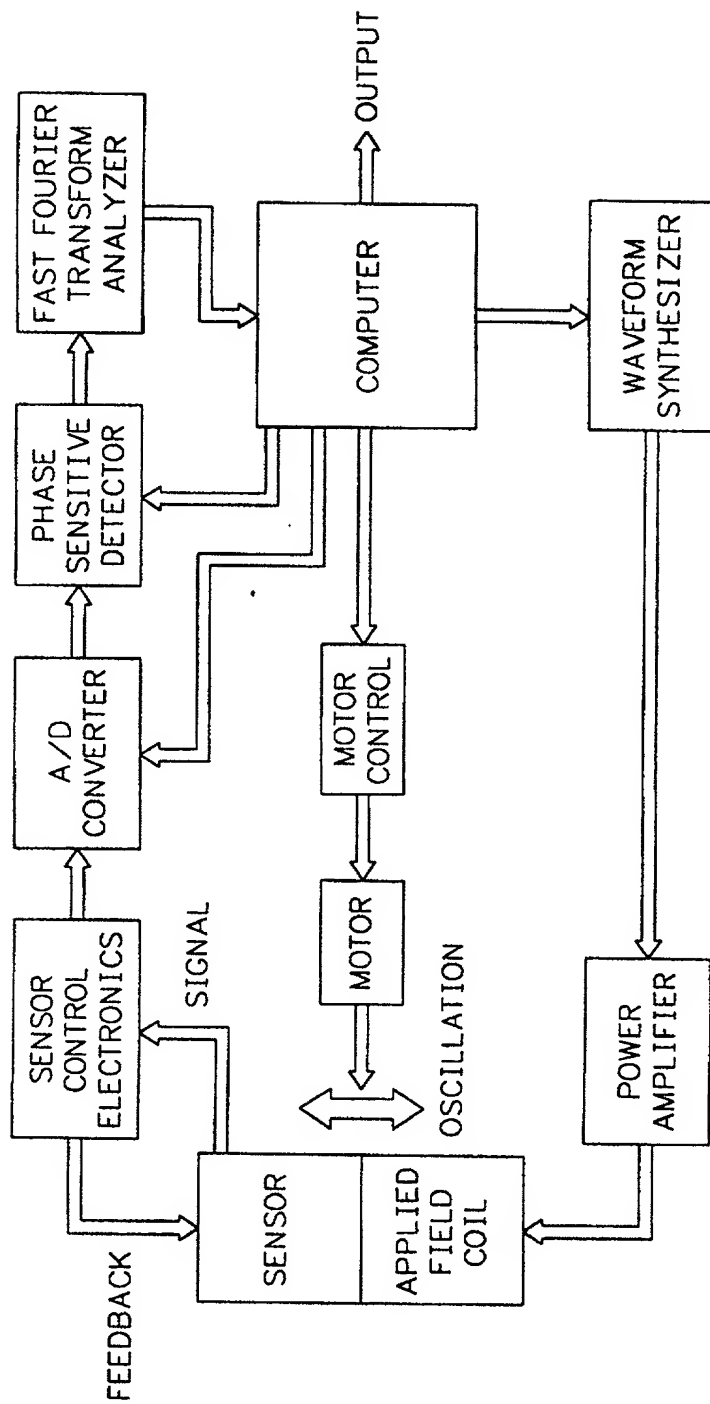


FIG. 7

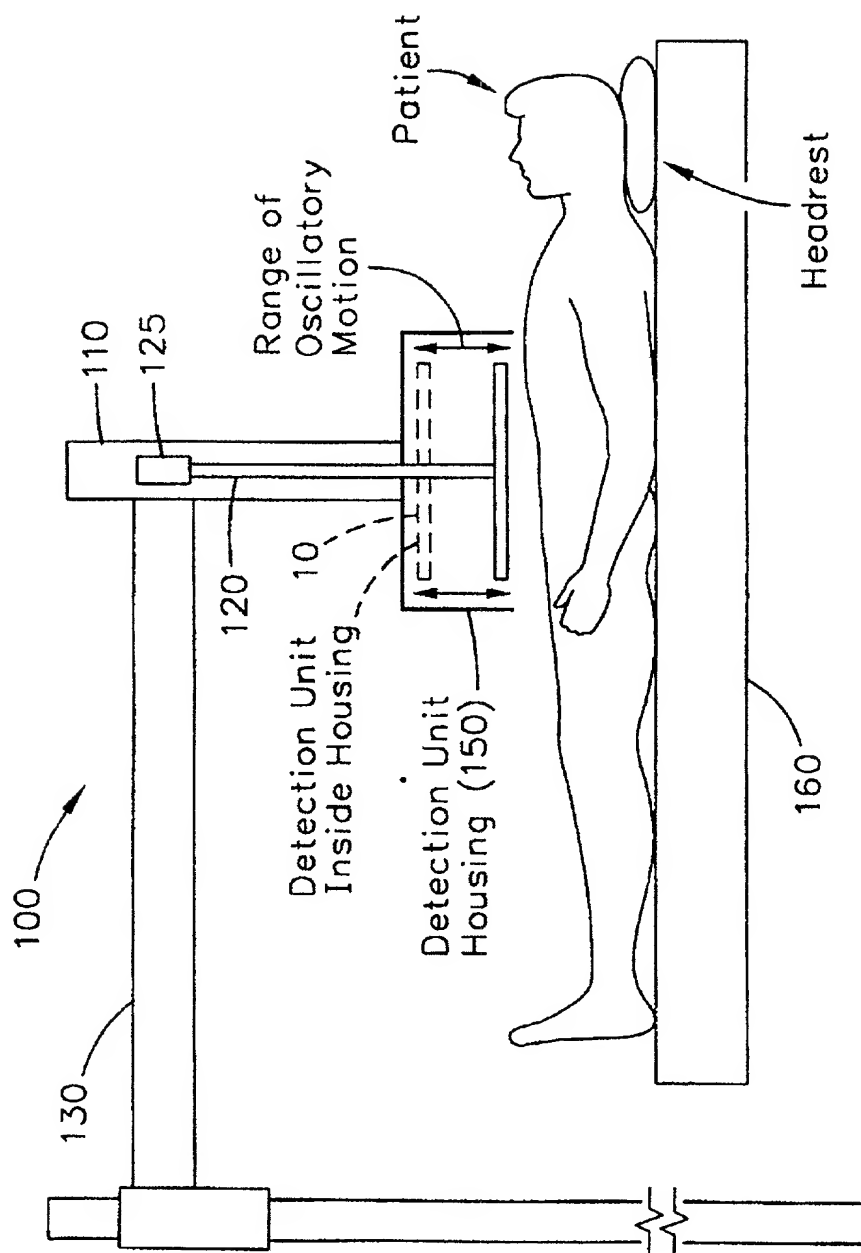


FIG. 8

100179-1001

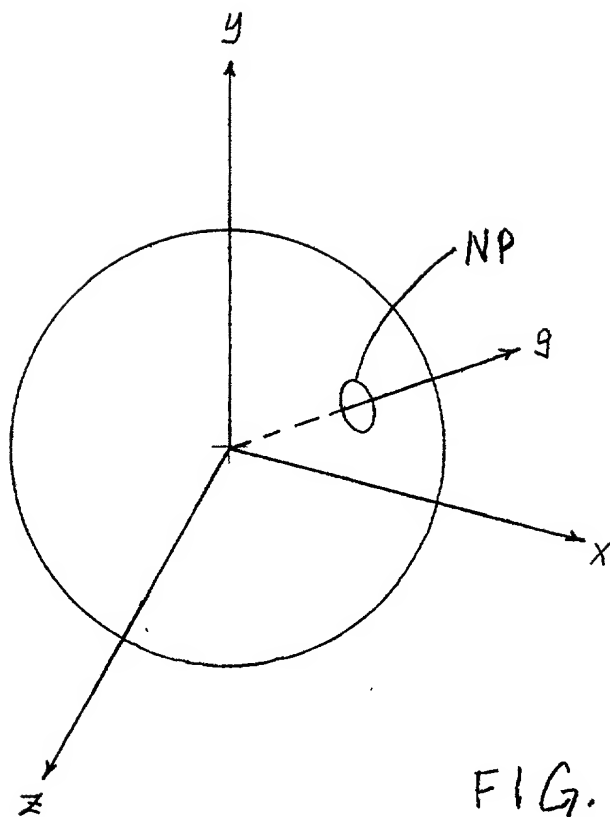


FIG. 9